

# PATENT COOPERATION TREATY

# PCT

From the INTERNATIONAL SEARCHING AUTHORITY

## INVITATION TO PAY ADDITIONAL FEES

(PCT Article 17(3)(a) and Rule 40.1)

To:

KILBURN & STRODE  
20 Red Lion Street  
London WC1R 4PJ  
UNITED KINGDOM

K + S Received

Date: 17 FEB 2005

Registered letter

Date of mailing  
(day/month/year) 10/02/2005

Applicant's or agent's file reference

P33710WO/ABA

**PAYMENT DUE**

within 30 ~~days~~ days  
from the above date of mailing

International application No.

PCT/GB2004/004552

International filing date  
(day/month/year)

28/10/2004

Applicant

EUMEDIC LIMITED

1. This International Searching Authority

- (i) considers that there are 3 (number of) inventions claimed in the international application covered by the claims indicated ~~below~~ on the extra sheet:

and it considers that the international application does not comply with the requirements of unity of invention (Rules 13.1, 13.2 and 13.3) for the reasons indicated ~~below~~ on the extra sheet:

000492

- (ii) ☒ has carried out a partial international search (see Annex) ☐ will establish the international search report on those parts of the international application which relate to the invention first mentioned in claims Nos.:  
see annex

- (iii) will establish the international search report on the other parts of the international application only if, and to the extent to which, additional fees are paid

2. The applicant is hereby invited, within the time limit indicated above, to pay the amount indicated below:

EUR 1.550,00 x 2 = EUR 3.100,00  
Fee per additional invention number of additional inventions total amount of additional fees

Or, \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

The applicant is informed that, according to Rule 40.2(c), the payment of any additional fee may be made under protest, i.e., a reasoned statement to the effect that the international application complies with the requirement of unity of invention or that the amount of the required additional fee is excessive.

3. ☒ Claim(s) Nos. see annex have been found to be unsearchable under Article 17(2)(b) because of defects under Article 17(2)(a) and therefore have not been included with any invention.

Name and mailing address of the International Searching Authority



European Patent Office, P.B. 5818 Patentlaan 2  
NL-2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Eva San Miguel

**Annex to Form PCT/ISA/206  
COMMUNICATION RELATING TO THE RESULTS  
OF THE PARTIAL INTERNATIONAL SEARCH**

International Application No  
**PCT/GB2004/004552**

1. The present communication is an Annex to the invitation to pay additional fees (Form PCT/ISA/206). It shows the results of the international search established on the parts of the international application which relate to the invention first mentioned in claims Nos.:  
see 'Invitation to pay additional fees'
2. This communication is not the international search report which will be established according to Article 18 and Rule 43.
3. If the applicant does not pay any additional search fees, the information appearing in this communication will be considered as the result of the international search and will be included as such in the international search report.
4. If the applicant pays additional fees, the international search report will contain both the information appearing in this communication and the results of the international search on other parts of the international application for which such fees will have been paid.

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 145 176 A2 (WACO CORPORATION OVERSEAS LIMITED; IRF YUGENGAISHA) 19 June 1985 (1985-06-19)	1,2,6,7, 11,12
A	page 2, lines 27-36 page 4, line 19 - page 5, line 8 page 5, line 23 - page 6, line 22 page 10, lines 11-36	3-5,8-10
Y	US 5 339 827 A (MASOPUST ET AL) 23 August 1994 (1994-08-23) column 2, lines 7-36 column 6, lines 44-64; figures 6A,6B	1,2,6,7, 11,12
A	US 2002/026225 A1 (SEGAL KIM ROBIN) 28 February 2002 (2002-02-28) paragraphs '0026!', '0032!', '0036!'; figure 1	1
A	US 4 541 432 A (MOLINA-NEGRO ET AL) 17 September 1985 (1985-09-17) column 4, line 48 - column 5, line 2; figures 2A,4	1
A	US 4 646 744 A (CAPEL ET AL) 3 March 1987 (1987-03-03) column 5, line 66 - column 6, line 8 column 9, line 26 - column 10, line 55 column 11, lines 40-48	1

☐

Further documents are listed in the continuation of box C.

☒

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-12

Treatment device for applying electrical impulses, comprising a detector for detecting changes in the skin impedance, means for monitoring the responsivity of the skin, and indicator means for indicating when a predetermined level of responsivity is reached and when a pre-determined treatment has been administered

---

2. claims: 13-18

Treatment apparatus for applying electrical impulses, comprising means for detecting the responsivity of different zones of a predetermined area of the body, means for storing the output data, and means for selecting a treatment zone from amongst the different zones

---

3. claims: 19-21

Treatment system, comprising a treatment device for applying electrical impulses, a PC for storing patient records, a cradle for the treatment device, and means for receiving a smart card

---

The three above mentioned inventions are not so linked as to form a single general inventive concept (Rule 13.1 PCT), the reasons being as follows:

A treatment device for applying electrical impulses, comprising a pair of electrodes for contact with the skin, a waveform generator for repeatedly generating an AC waveform, and means for detecting the skin impedance, is well known in the state of the art (see e.g. US-A-4 541 432 or US-A-4 646 744).

The following technical features of claims 1, 13 and 19 thus can be considered as special technical features within the meaning of Rule 13.2 PCT:

Claim 1: means for monitoring the responsivity of the skin, and indicator means activated by the monitoring means for generating a first indication when a predetermined level of responsivity is reached and a second indication when a predetermined treatment has been administered;

Claim 13: means for detecting the responsivity of different zones of a predetermined area of the body, a store for the output data, and means for selecting a treatment zone based on an evaluation of the output data; and

Claim 19: a PC for storing patient records, a cradle, and means for receiving a smart card.

INVITATION TO PAY ADDITIONAL FEES

International application No.

PCT/GB2004/004552

The problems solved by these special technical features can be construed as:

Claim 1: to monitor the treatment progress;

Claim 13: to select a suitable treatment zone;

Claim 19: communicating information between the treatment device and a PC, with controlled access by means of a smart card.

These problems thus do not allow for a relationship to be established between the said inventions, which involves a single general inventive concept. The three above inventions show lack of corresponding technical effect as well.

Consequently, the requisite unity of invention (Rule 13.1 PCT) does not exist inasmuch as a technical relationship involving one or more of the same or corresponding special technical features in the sense of Rule 13.2 PCT does not exist between the three inventions.

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 206**

Continuation of Box 3.

Claim(s) not searched:  
22

Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy

# Patent Family Annex

Information on patent family members

International Application No

PCT/GB2004/004552

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0145176	A2	19-06-1985	JP	3040295 Y2	23-08-1991
			JP	61010741 U	22-01-1986
			JP	60071224 U	20-05-1985
			JP	4032115 Y2	31-07-1992
			JP	60083644 U	10-06-1985
			AT	34923 T	15-06-1988
			AU	564822 B2	27-08-1987
			AU	3464384 A	02-05-1985
			DE	3471886 T	14-07-1988
			DE	3471886 D1	14-07-1988
			HK	7090 A	02-02-1990
			KR	8700641 B1	03-04-1987
			SG	59589 G	29-12-1989
			US	4694840 A	22-09-1987
			ZA	8408206 A	28-08-1985
US 5339827	A	23-08-1994	NONE		
US 2002026225	A1	28-02-2002	US	5755752 A	26-05-1998
			AU	1934699 A	26-07-1999
			WO	9934868 A1	15-07-1999
			AU	731329 B2	29-03-2001
			AU	2339997 A	17-10-1997
			BR	9708341 A	11-07-2000
			CA	2250240 A1	02-10-1997
			EP	0900107 A2	10-03-1999
			IL	126190 A	29-05-2003
			JP	2001504713 T	10-04-2001
			US	6033431 A	07-03-2000
			WO	9735635 A2	02-10-1997
			AU	4228593 A	29-11-1993
			WO	9321993 A1	11-11-1993
US 4541432	A	17-09-1985	CA	1215128 A1	09-12-1986
			EP	0111229 A2	20-06-1984
			AT	23803 T	15-12-1986
			DE	3367855 D1	15-01-1987
			ES	8406886 A1	16-11-1984
			PT	77776 A , B	03-01-1984
US 4646744	A	03-03-1987	AU	571723 B2	21-04-1988
			AU	4603185 A	30-01-1987
			BR	8507241 A	27-10-1987
			DK	102887 A	01-05-1987
			EP	0238480 A1	30-09-1987
			FI	870894 A	02-03-1987
			JP	63500073 T	14-01-1988
			NO	870845 A	22-04-1987
			WO	8700063 A1	15-01-1987